

Date: Fri, 3 Sep 93 04:30:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1041
To: Info-Hams

Info-Hams Digest Fri, 3 Sep 93 Volume 93 : Issue 1041

Today's Topics:

CB Linear for sale: How to report?
Dual Band Handies?
I can't find my original license
Icom IC765 COMPRESSOR PROBLEM?
Maximal range of a CB
Non-licensed purchase of radio (2 msgs)
Tech help

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 93 12:16:16 EDT
From: world!ksr!jfw@uunet.uu.net
Subject: CB Linear for sale: How to report?
To: info-hams@ucsd.edu

dfeldman@teal.csn.org (Dave Feldman) writes:

>I spotted someone travelling down the highway this morning going
>*** 56 MPH!!! *** endangering not only the driver's life, but everyone
>in the whole country, with this terrible violation of the law!
>Mere possession of a car capable of exceeding the speed limit is in
>my opinion antisocial and should be banned.

Yammerhead. 55MPH : 56MPH :: 5W : 1000W ?

It turns out that the FCC considers mere possession of a CB linear to be
evidence of use, and they'll charge you just on that basis (if they have

time, of course). Those FCC offices that have the spare time will, in fact, respond to ads like this and nail the seller (though the concentrate more on people manufacturing them for sale).

1000W CB linears not only spoil the enjoyment of the CB band for legal CB operators (much like someone driving a tank at 10,000MPH the wrong way down the highway would probably spoil your morning commute), but the resulting splatter from your typical illegal "linear" (hey, it's already illegal to use an amplifier, why the hell worry about spectral purity regulations?) ruins TV and radio reception for miles (which frequently get blamed on local hams [to return to the topic of THIS group] since (not being criminals) they are more visible).

Date: Fri, 3 Sep 93 07:12:57 GMT
From: mnemosyne.cs.du.edu!nyx!dtock@uunet.uu.net
Subject: Dual Band Handies?
To: info-hams@ucsd.edu

I can vouch for the Icom IC21E. I recently purchased this to replace my old Yaesu FT26. I specifically wanted a radio without lots of buttons (ie. without a numeric keypad) as I mainly use it in the car.

Compared to the Alinco and Kenwood models, it is a little less sensitive but I can live with that - the yaesu was too sensitive and often had problems using the 5/8 whip on my car. Against that, I can consistently access our local repeater from my work, which I could hardly ever do with the Yaesu despite both being 2W output!

Operation is quite easy, once you have worked your way through the _menu_ system for setting the various less common options --- The common ones such as changing power, memory operations repeaters etc are on the (few) buttons that are present.

On the subject of repeaters, here in the UK we use a 1750KHz tone to access repeaters. This is a little awkward, requiring a button on the front to be pushed while the PTT is depressed -- almost impossible one handed. CTCSS operation would be OK.

I miss the UP/DOWN buttons - the only way to change the frequency or memory is via the knob on top. I miss the lighting on the buttons at night - it makes them look pretty, but it is simple enough to operate by touch.

I like the separate on/off button - no fiddling with the volume control to turn the power on and off - plus auto power off. I like the 16mW output level - fine for local repeater work and terrific battery life. I like the 50MHz - 999MHz coverage (including AM airband) - not usually documented.

At a recent Fox Hunt (I came second using the IC21) we had chance to compare equivalent Icom/Alinco/Kenwood models. They all do pretty much the same, but in different ways. Choose the one you like the look of, or the one that makes the things you want most accessible.

David (GM0SYA)

Date: Thu, 2 Sep 1993 14:54:55 GMT
From: swrinde!gatech!europa.eng.gtefsd.com!howland.reston.ans.net!
usenet.ins.cwru.edu!news.ecn.bgu.edu!feenix.metronet.com!marcbg@network.ucsd.edu
Subject: I can't find my original license
To: info-hams@ucsd.edu

In article <MAS.93Sep1151726@porgy.jpl.nasa.gov> mas@porgy.jpl.nasa.gov

(Marc A. Sarrel) writes:

>I'm looking forward to upgrading from Tech Classic to General sometime
>soon, but I can't find my original FCC license to take with me to the
>exam. I have a photocopy that I carry with me, but not the original.
>What am I to do?
>Can I get the FCC to issue a replacement original, or will the
>examiners most likely accept a photocopy anyway?
>Marc

Marc,

Examiners are not supposed to accept copies of the license. The original is the only thing we are supposed to accept. However, if you personally know a few of the examiners they might let you slide on this, especially if they are the ones who gave you the original exam. They would have records of your first test. Asking an examiner to run with a photocopy of the original license is strictly speaking, illegal.

Now, you can get a form 610, fill it out, apply for a duplicate license, mail it to the FCC (the address is on the 610) and in about 4 weeks you'll receive your new license which you can take to the test.

If you are a Tech+ and have credit for the 5 WPM, then you will definitely need your CSCE to prove 5WPM credit since your license will have a new date on it. If you can't find a CSCE, and you've been licensed a while, perhaps carrying in a callbook might help with your original license.

Or, since you'll be taking the 13 WPM before the 5 WPM, you really don't have to prove you passed the 5WPM.

Is that crystal clear? Probably not, but it's a good shot. Bottom line

easiest way: Apply for a duplicate license ASAP.

Best 73,

--

Marc B. Grant, N5MEI | marcbg@feenix.metronet.com | 214/231-3998 (voice)
P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)
Richardson, TX 75085 |

Date: 1 Sep 1993 18:41:54 GMT
From: agate!howland.reston.ans.net!noc.near.net!jericho.mc.com!fugu!
levine@ames.arpa
Subject: Icom IC765 COMPRESSOR PROBLEM?
To: info-hams@ucsd.edu

In article AA18937@netmail.microsoft.com, mikemr@microsoft.COM (Michael Mraz)
writes:

>I have the same problem---it only occurs when I plug in the cable
>between my PK-232 and the 765. Instead of troubleshooting it, I just
>unplug the cable from the ACC jack when I use SSB. Not elegant, but
>it works. I don't think it's a 765 problem.

>

>73 Mike N6MZ mikemr@microsoft.com

I bet if you cut the White wire from the PK232 to the rig (AFSK) and use
the FSK OUT on the PK232 to your FSK IN instead on your rig, the problem will
dissapear. That's what I did on my PK232 <--> TS850. Besides, FSK is better
for digital than AFSK.

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-----FTAC

Bob Levine KD1GG 7J1AIS VK2GYN
levine@mc.com (508) 256-1300 x247
kd1gg@wa1phy.ma FAX (508) 256-3599

Date: Thu, 2 Sep 93 14:20:44 GMT
From: psinntp!dg-rtp!webol!dg-webol!pshea@uunet.uu.net
Subject: Maximal range of a CB
To: info-hams@ucsd.edu

In article <eesnyder.746857993@beagle>, eesnyder@boulder.Colorado.EDU (Eric E. Snyder) writes:

|>
|> A couple of years ago, I was stuck out in the desert in California with
|> vehicle trouble way out in the tules. I tried in vain to get help with
|> my handheld CB... Interesting, I could hear a lot of (almost entirely)
|> Spanish speaking stations. I wonder if these weren't stations working
|> above the US legal limit in Mexico (300 km away)...
|>

Probably not. I hear Spanish speaking stations from Mexico and South America here in the Boston area, all the time. Like 10 meters, 11 meters is a good world wide band when skip cycles are high. Even though it's illegal, I have talked all over the world from both my house and car.

When conditions are right, I simply cannot hear any local station more than a mile or 2 from me, but Austria may come in like next door. I figure so long as I'm otherwise legal, i.e. power, frequency etc..., there is little harm. I guess the other alternative, when I cannot use the radio locally, is to turn it off all together. This seems like such a waste though.

BTW most of the above is in reference to SSB operation. In my experience when skip is running, on AM the noise level is so high that I do just turn it off.

Phil

Date: 1 Sep 93 14:55:22
From: agate!howland.reston.ans.net!sol.ctr.columbia.edu!destroyer!
vela.acs.oakland.edu!rcsuna.gmr.com!rcsuna.gmr.com!vbreault@ames.arpa
Subject: Non-licensed purchase of radio
To: info-hams@ucsd.edu

In article <CCoADI.GwD@pica.army.mil> mellis@ramcad.pica.army.mil (Mark Ellis) writes:

I'm in the process of studying for the Tech license. but I noticed in a
Amateur radio is a great hobby and a great way to volunteer your time

and expertiese in the service of your community.

previous post someone mentioned that the Radio Shack HTX202 is on sale for \$200. I thought I'd get it now, and listen in on popular freqs around the Rockaway (Northern) NJ area. That way when I do pass and get the license, I'll be a better operator for listening all this time. After

Good idea Mark. Listen carefully for -good- operators and vow to emulate their best characteristics. You won't likely find any one person who exemplifies all the best of amateur radio, but you'll probably find some good in nearly everyone. You will NOT find the kind of stuff you read here on the internet. This is a rather small subset of amateurs made up largely of professionals and students. Not too many retirees, homemakers or barbers on the internet (too bad). Not too many CB good-ol-boys either (thankfully).

all, isn't that the best way to learn? By the way, what ARE the popular freqs (2M) in the Northern NJ area ? :-]

My question is: If I walk into Radio Shack, put money down, and say:
"Gimme dat HT-202, and I'll give you this money", can
(would) they ask to see a license before selling it to me?

On the bottom of page 28 of their 93 catalog, it states:
YOU MUST HAVE A CURRENT FCC AMATEUR LICENSE OF APPROPRIATE CLASS
TO TRANSMIT WITH THE HTX-100 and HTX-202.

I would think re-iteration of the above would be all RS should do, since the ultimate responsibility is mine to abide by the rules.

There is -NO- law that stipulates you must be licensed to own an amateur radio. There -is- a law against transmitting with it. If you are the kind of person that has a hard time resisting temptation then maybe having the radio in your hands before the license may be a bad idea. If you can resist the temptation then it's a good idea. The choice is yours.

Good luck with the studying and the tests. Let us know how it all turns out.

--

Val Breault - N80EF - vbreault@gmr.com \ / |
Instrumentation dept GM NAO R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___

Date: Wed, 1 Sep 1993 19:09:50 GMT

From: newsgate.watson.ibm.com!hawnews.watson.ibm.com!news@uunet.uu.net

Subject: Non-licensed purchase of radio
To: info-hams@ucsd.edu

In <CCoADI.GwD@pica.army.mil> mellis@ramcad.pica.army.mil (Mark Ellis) writes:

>
>[deletia]
>
>My question is: If I walk into Radio Shack, put money down, and say:
> "Gimme dat HT-202, and I'll give you this money", can
> (would) they ask to see a license before selling it to me?
>
>[deletia]
>
> -----> Mark E.

In the U.S., it is not illegal to purchase a transmitter without a license.
I'd be surprised if the sales guy even asked.

...phil

phillip c. reed - pcr@vnet.ibm.com
* It is highly unlikely that the opinions expressed herein are those of IBM *
* or any of it's operating units. *

Date: 1 Sep 93 03:02:12 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!news-feed-1.peachnet.edu!
concert!duke!wolves!psybbs!fredmail@ames.arpa
Subject: Tech help
To: info-hams@ucsd.edu

Thanx, Errol, 73 DE KB4BZ..

Date: 1 Sep 93 18:57:55 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!darwin.sura.net!news-
feed-1.peachnet.edu!concert!duke!news.duke.edu!ee.ee.duke.edu!jbs@network.ucsd.edu
To: info-hams@ucsd.edu

References <25v8i8\$1gk@D012S436.mch.sni.de>, <eesnyder.746857993@beagle>,
<930901.130446.0M2.rusnews.w165w@mulvey.com>cert
Subject : Re: Maximal range of a CB

In article <930901.130446.0M2.rusnews.w165w@mulvey.com> rich@mulvey.com (Rich
Mulvey) writes:

>>>What is the maximal range reaches with a CB (a legal one, without any

>>>linear amplifier of course, frequency in the 27 MHz) ?

>> A couple of years ago, I was stuck out in the desert in California with
>> vehicle trouble way out in the tules. I tried in vain to get help with
>> my handheld CB... Interesting, I could hear a lot of (almost entirely)
>> Spanish speaking stations. I wonder if these weren't stations working
>> above the US legal limit in Mexico (300 km away)...

> It's entirely possible that you heard Spanish speaking stations running
>the legal limit. (4 watts?)

Possible, but he was most likely hearing all the linear jockeys south of the border (most of the big guns seem to be in South America, from what I can catch of their rapid-fire exchanges (a hallmark of the Brazilian operators seems to be the 5-syllable-or-less transmission)). They refer to 27.065 as "The Quiet Channel" because when all the U.S. linear jockeys are polluting all the other channels, there are relatively few gringos on channel 9. Unfortunately for those of us who try to monitor 9, on most days we can't hear anything for the S9+ signals coming out of the south (and these guys aren't running 4 watts, either). Take a listen sometime and you'll see what I mean.

-joe KD4LLV

--

You spend the night
Like you were spending a dime
- Lyle Lovett

Date: 2 Sep 93 12:04:43 EDT
From: world!ksr!jfw@uunet.uu.net
To: info-hams@ucsd.edu

References <CCoADI.GwD@pica.army.mil>, <1993Sep2.051554.28530@ke4zv.atl.ga.us>,
<1993Sep2.134100.26098@rsg1.er.usgs.gov>
Subject : Re: Non-licensed purchase of radio

bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>On a somewhat related note, I was told by a Radio Shack manager that they
>are instructed to refuse to sell you a scanner if you ask or say anything
>about monitoring cellular. Why are they so cautious about that and yet
>sell amateur, marine and itinerant/GMRS trancivers without even
>mentioning licenses...

Probably because a law against selling any scanners whatsoever isn't impossible to imagine (the FCC already HAS banned scanners capable of receiving cellular or capable of being "easily modified" to do so,

effective sometime later this year, I think). R/S is probably worried about hordes of "investigative reporters" descending on their stores, making purchases "obviously" for the sole purpose of monitoring cellular calls, and then doing tabloid-TVs expose's about buying "criminal tools" at your friendly neighborhood Radio Shack. Now if only we could get the tabloid TV yammerheads frothed up about people illegalling operating on 10 meters..... (nah, they'd probably just argue that anyone transmitting on 10 meters should be shot immediately, just in CASE they were a pirate.)

Date: Wed, 1 Sep 93 18:24:42 GMT
From: ncrw2.ncr.com!ncrhub2!torynews!kevin@uunet.uu.net
To: info-hams@ucsd.edu

References <25t9svINNeoa@topaz.bds.com>, <1993Aug31.134556.18387@cyphyn.UUCP>, <CCnn7y.HD0@odin.corp.sgi.com>ncr.co
Subject : Re: There goes the rest of 20M

In article <CCnn7y.HD0@odin.corp.sgi.com> adams@chuck.dallas.sgi.com (Charles Adams) writes:

>
>1990-present: 7.000-7.040 cw
> 7.040-7.150 digital es rtty
> 7.100-7.300 foreign broadcast
> 7.150-7.300 some ssb between the foreign broadcast
>
>now we have dx ssb from 7.000 to 7.060
> digital from 7.000 to 7.150
> foreign broadcast 7.100 to 7.300
>

I just got my ham ticket a couple of years ago, and I find your post quite enlightening, Chuck. I certainly had noticed a major discrepancy between the "gentlemens' agreement" discussed in the introductory ARRL book and what I was hearing at the lower end of 40 meters. Maybe I just wasn't listening before, but it seems to me that even two years ago I never heard SSB signals from 7.025 - 7.040. More recently I do hear them, and they always seem to be from South America I think (spanish).

In the ARRL publication it's stated that the purpose of the gentlemens' agreement is to avoid chaos on the band; the implications of "de-regulating" the HF bands will include increased interference with its attendant rudeness, increased difficulty in establishing and keeping scheduled QSOs, and more intolerance for those who don't use the "correct" mode. Actually the intolerance is probably there already, but with the modes segregated into distinct subbands we don't have to listen to the modes we don't like ;-)

>....

>our favorite modes. remember, the bicycle is still around. it hasn't
>been outlawed, yet i see a lot of people with the attitude that A1 should
>be outlawed and/or taken off the bands. you'll take my cold dead hands
>from my keyboard and/or kent or bencher.

I can't agree with this...I have never heard anyone with the attitude that
A1 should be banned from the air. I think you just wanted an excuse to
use the trite "cold dead hands" phrase ;-) I do agree with you on the last,
though...and at 33 yrs old I'll be around a while to make sure A1 survives
on the bands for a few more decades.

But preserving a particular mode is not the point here. The point is that
we need to keep some semblance of order on the HF bands, or they are going
to become unusable for everyone. Semi-automatic operation is clearly a
step in the wrong direction, as it allows interference to occur. Even though
such interference is not *intentional* interference, that doesn't make it OK.

There may be some interesting irony in the works here for the digital folks:
If the band gets so trashed that interference becomes the rule rather than
the exception, and since Spread Spectrum is not allowed on the HF bands,
then the A1 mode will probably become the most reliable way to communicate
over HF!

73,

--

[] [] [] [] [] []	Kevin Sanders, KN6FQ	NCR Torrey Pines
[] [] [] [] []	kevin.sanders@torreypinesca.ncr.com	(619) 597-3602
[] [] [] [] [] []	kevin%beacons@cyber.net	
[] [] [] [] []		
[] [] [] [] [] []	Dump MS-DOS. Prevent Programmer Burnout with Linux.	

End of Info-Hams Digest V93 #1041
